

Welcome



1222-2022  
800  
ANNI



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

**Il Dipartimento di Scienze Chimiche accoglie la  
Dott.ssa Katy Medrano  
che terrà un seminario dal titolo:**

**When multicomponent reactions see the light.**

**Giovedì 29 Giugno 2023, ore 16.30 Aula A, Dipartimento di Scienze Chimiche, Via Marzolo, 1.**

*In the last years, chemists have tried to commit to the environment in adherence to the principles of green chemistry, innovating and creating more sustainable procedures. Guiding principles in this line focus on using catalysis, atom economy, safer solvents and reagents, and/or renewable feedstocks. In this framework, photocatalysis has developed new relevant methodologies in different synthetic areas, including drug discovery processes.*

*Since their appearance, Multicomponent Reactions (MCRs) have been used as a relevant platform to access Diversity Oriented Synthesis (DOS) to address the synthesis of bioactive compounds straightforwardly. Combining structural diversity with modern and sustainable synthetic methods, like photocatalysis, creates a powerful tool.*

*This talk will focus on the use of newly designed organic photocatalysts and their application to multicomponent adducts for synthesising bio-relevant molecules.*

Il Direttore del Dipartimento  
Michele Maggini